



Idaho Geospatial Council – Executive Committee (IGC-EC)

JULY 16, 2020

Minutes

▶ *May 21, 2020*

Changes at ITS

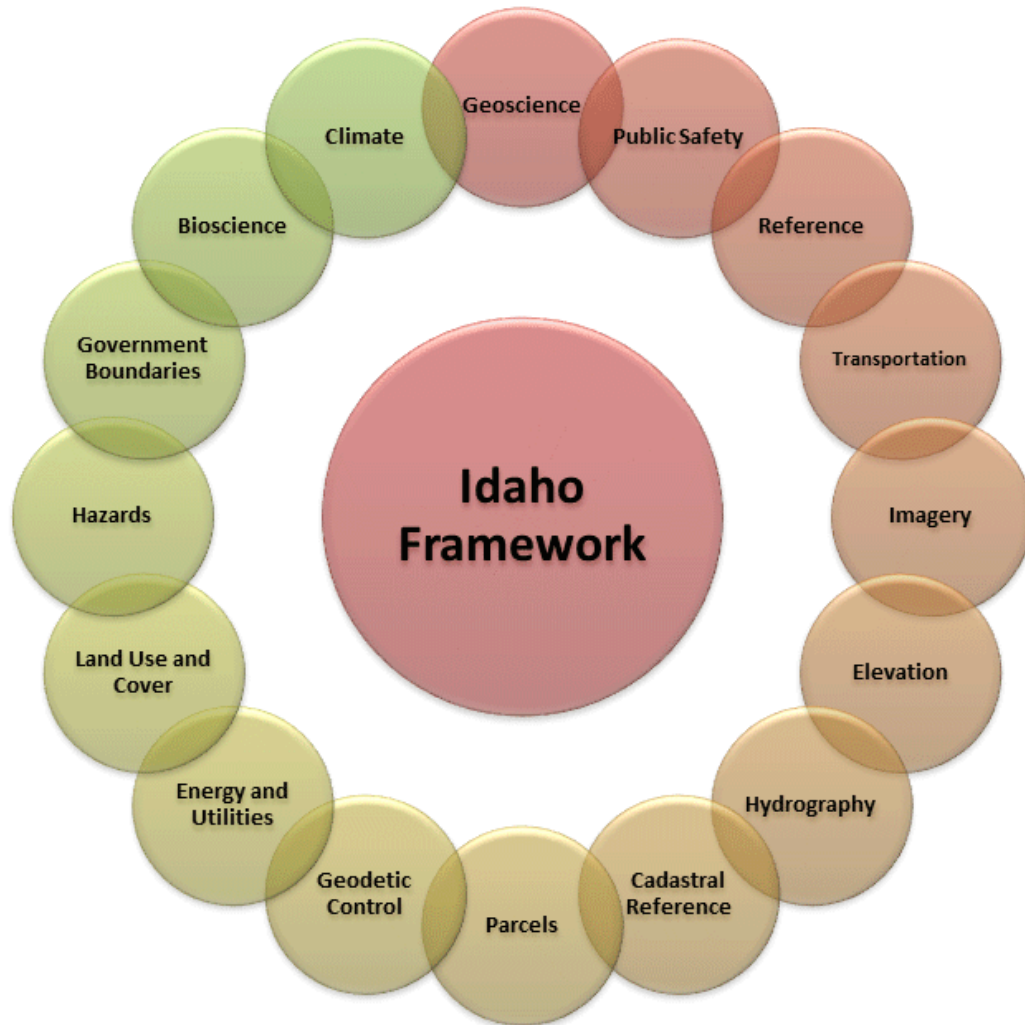
- ▶ *GIS Website*
- ▶ *TWG Revitalization*
- ▶ *GIS Strategic Plan*



Refresher

GIS Plan * GIS website * Next Steps

Some Basic Definitions



Idaho Technology Authority (ITA)

ENTERPRISE GUIDELINES – G100 GENERAL

Category: **G105 – ITA GLOSSARY OF TERMS**

- **Framework Data Theme:**
Spatial data that is commonly needed by a wide spectrum of GIS users with a goal toward developing and maintaining coverage statewide.

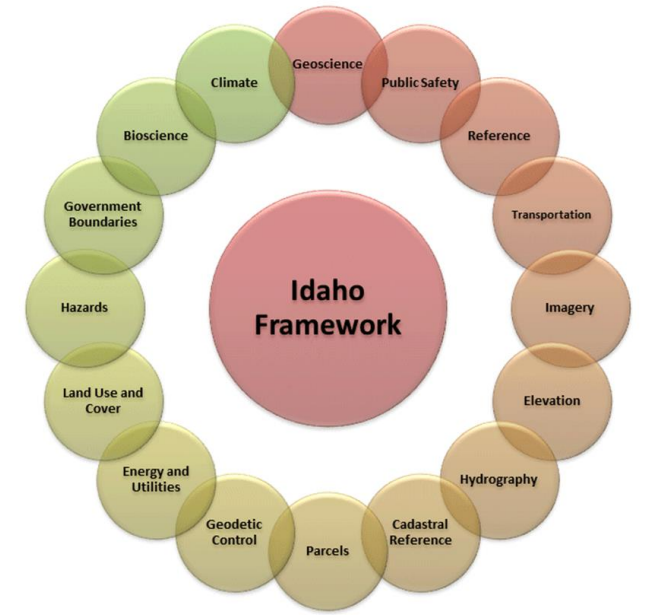
- **Framework Data Theme**

- **Framework Dataset:** The GIS dataset representing all or a portion of a Framework Data Theme.

- **Framework:** A framework dataset along with the technology, policies, standards, human resources, and related activities necessary to acquire, process, distribute, use, maintain, and preserve this spatial data. The Idaho Map (TIM) consists of a collection of frameworks.

- **The Idaho Map (TIM):** The full collection of Framework Data Theme GIS datasets.

- **Spatial Data Infrastructure (SDI):** The technology, policies, standards, human resources, and related activities necessary to acquire, process, distribute, use, maintain, and preserve spatial data.




Members

STANDING

Idaho Geospatial Information Officer

VACANT, Information Technology Services (ITS), Idaho Geospatial Office.

INSIDE Geospatial Clearinghouse

Bruce Godfrey  University of Idaho (208) 292-1407

USGS Liaison

Tom Carlson U.S. Geological Survey (253) 552-1682

GIS Training and Research Center

Keith Weber  Idaho State University (208) 282-2757

ELECTED

State Government Representatives

SEAT 1 Sydney Lewis Idaho Transportation Department (208) 334-8225


SEAT 2 Wilma Robertson (CHAIR) Office of IT Services


Federal Representatives


SEAT 3 Jerry Korol Natural Resources Conservation Service (208) 378-5785

SEAT 4 Carolina Valderrama-Echavarria U.S. Census Bureau (208) 863-6256

Local Government Representatives

SEAT 5 Cyndi Andersen  Bannock County (208) 236-5008


SEAT 6 Betty Conces  Kootenai County (208) 446-1565

SEAT 7 Kelly Green  Blaine County (208) 788-5560


Tribal Representative

SEAT 8 Laurie Ames  Nez Perce Tribe (208) 621-3718


Utility Representative

SEAT 9 Shane Lim  Suez Water (208) 362-7352

Private Sector Representative

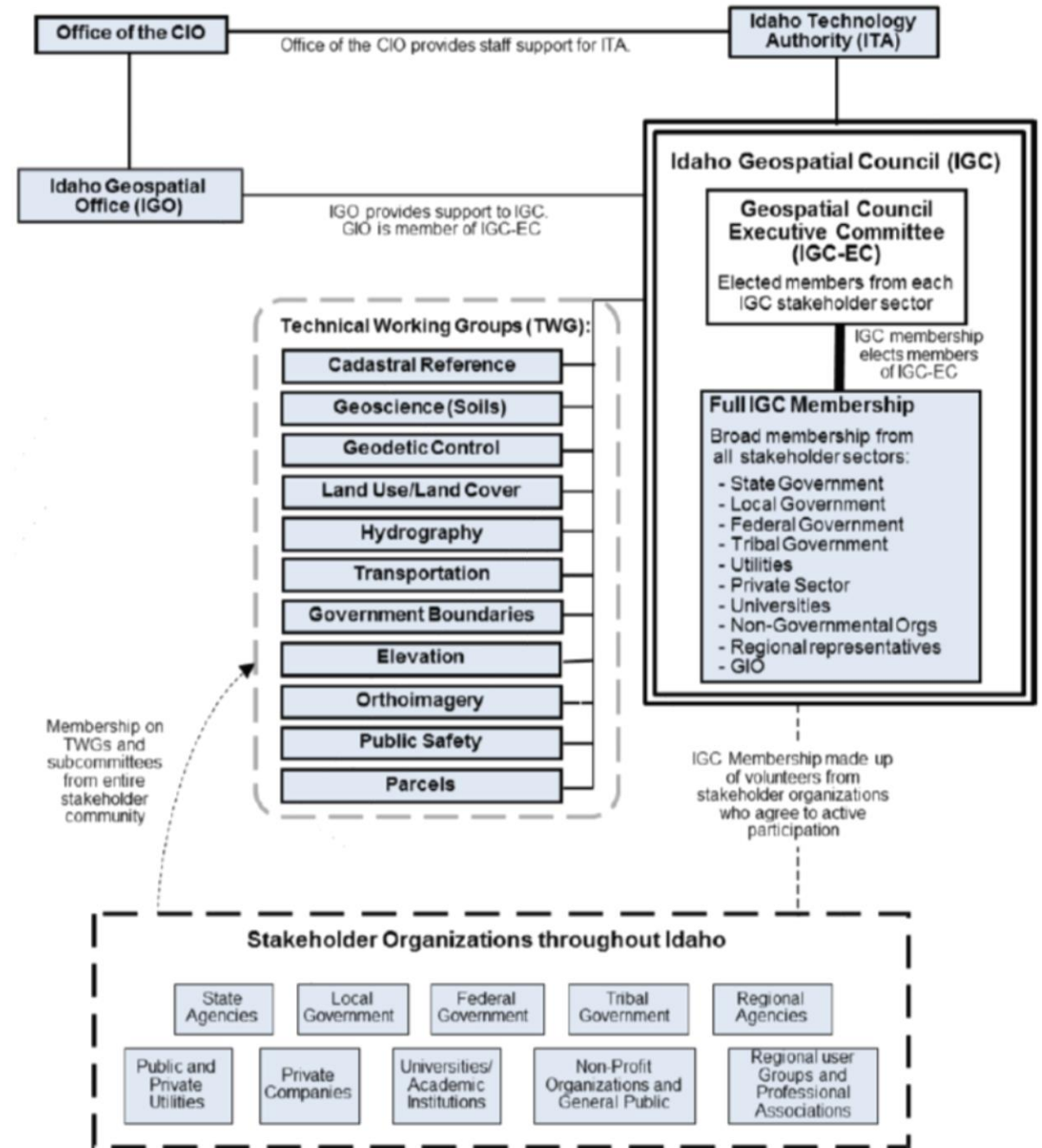
SEAT 10 Jan Cunningham  Esri (909) 793-2853, ext. 4363

Open Representatives

SEAT 11 Stewart Ward  Dioptra Geomatics (208) 237-7373

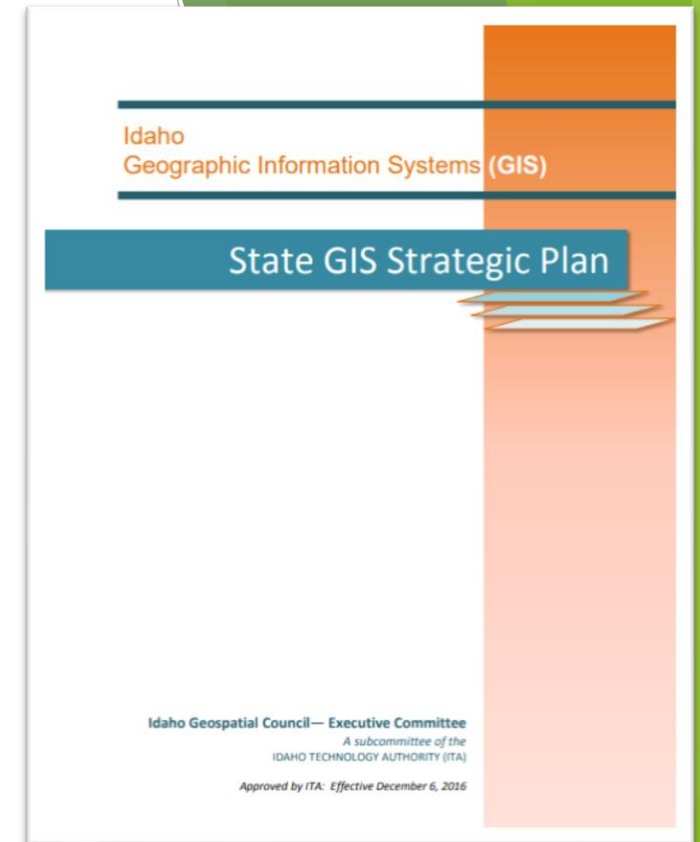
SEAT 12 Pam Bond City of Boise (208) 972-8001

GOVERNANCE



GIS PLAN

- ▶ **Vision:** Idaho Spatial Data Infrastructure (Idaho SDI) is fully developed, maintained, and managed and supports the missions of Idaho organizations through easy access to high-quality, up-to-date geographic information and related services.
- ▶ **Mission:** With leadership by state government and active participation from stakeholders statewide, we will develop, deploy and efficiently operate the Idaho SDI with a focus on meeting the geographic information needs of users and delivering real, substantial benefits to a comprehensive spectrum of organizations and individuals in Idaho.

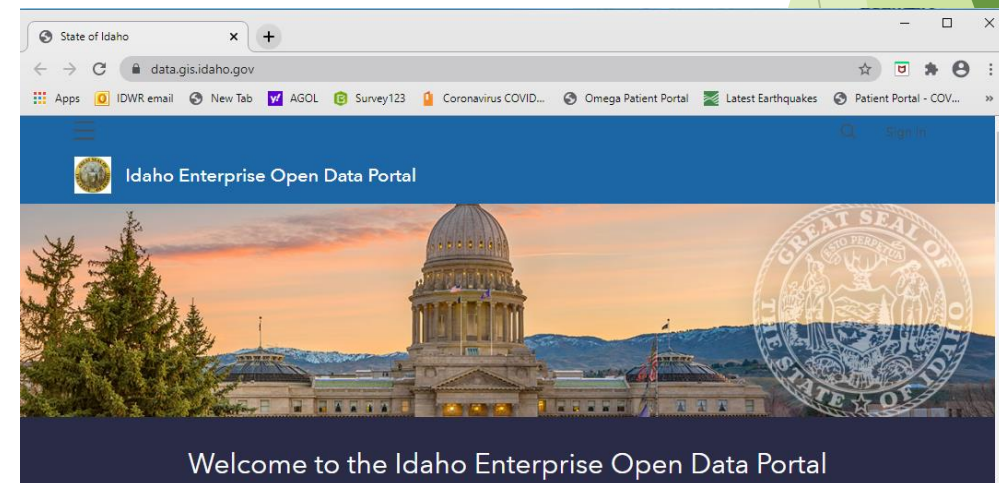
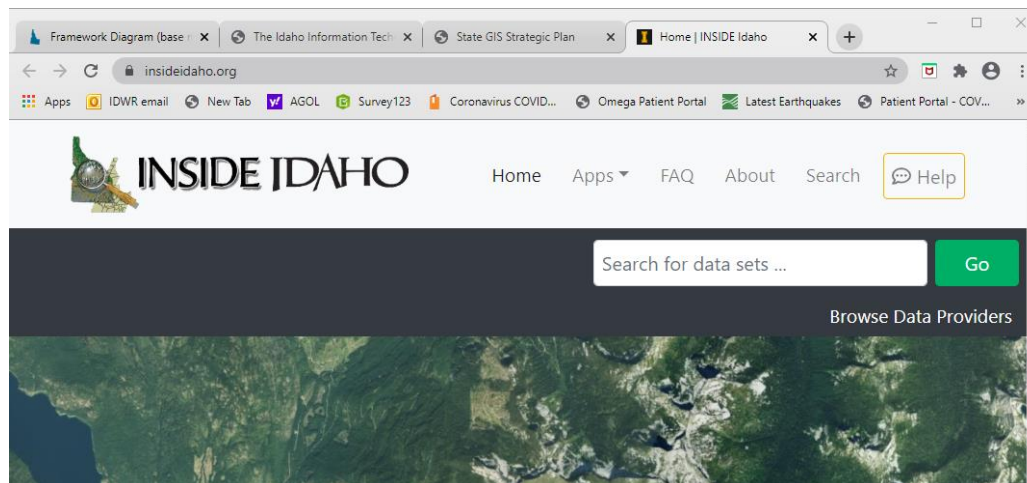


Strategic Goal 1 of 4

GOAL 1: Create/support a robust geospatial data clearinghouse for sharing current and historical TIM Framework and other authoritative data layers.

Objective: Seek and secure the funding and staffing needed for an official TIM geospatial data clearinghouse.

Strategy: Have a designated clearinghouse administrator who can reach out and support TIM/authoritative data stewards, review datasets and documentation and help keep them current, and maintain the clearinghouse website; acquire and maintain dedicated funding for this position.



Strategic Goal 2 of 4

GOAL 2: Provide best available statewide TIM Framework data layers.

Objective: Increase the number of officially recognized TIM Framework data layers and create a recognizable TIM “brand.”

Strategy: Create an inventory of Framework data layers currently available from metadata; reinvigorate the Framework Leadership Team; start with the top 10 (as defined by current survey results) and work with the associated agencies/TWGs to get the data layers nominated – host TIM nomination workshops and TIM metadata workshops; host the Framework data layers in the geospatial data clearinghouse and brand as TIM.

Priority Layers:

- Orthoimagery (high resolution)
- Parcels and Legal Lots
- Transportation
- Government Boundaries

Strategic Goal 3 of 4

GOAL 3: Improve geospatial data quality.

Objective: Improve the quality and currentness of publicly available GIS data through education and have data stewards publish their geospatial data as Open Geospatial Consortium (OGC) services (WMS, WFS, WCS, etc.).

Strategy: Increase education on and encouragement to follow State GIS policies and standards; education on proper metadata; education on transition to web services.

Strategic Goal 4 of 4

GOAL 4: Improve delivery and accessibility of GIS services and information.

Objective: Increase stakeholder exposure to geospatial data and leverage the more user-friendly mapping applications to make geo-information more sharable and usable.

Strategy: Explore the use of data sharing applications such as Esri Open Data and data.gov; encourage not only GIS staff but others to use tools like Story Maps and Web Map Applications to relay geo-information to their customers and the public; encourage the use of mobile-friendly templates; funding for and encourage data stewards to use ArcGIS Server/shared State ArcGIS Server and enterprise ArcGIS Online accounts.

2016 GIS Strategic Plan Updates Summary

Goals	Objectives	Strategies	Lead	Status
GOAL 1: Create/support a robust geospatial data clearinghouse for sharing current and historical TIM Framework and other authoritative data layers.	Seek and secure the funding and staffing needed for an official TIM geospatial data clearinghouse.	Designated clearinghouse administrator to support TIM/authoritative data stewards (review and keep dataset current; maintain clearinghouse website.)	Pam Bond/Bruce Godfrey	
		Acquire and maintain dedicated funding for this position.	Bill Farnsworth	
GOAL 2: Provide best available statewide TIM Framework data layers.	Increase the number of officially recognized TIM Framework data layers and create a recognizable TIM "brand."	Create inventory of Framework data layers	Bill Farnsworth/Pam Bond/Jerry Korol	
		Reinvigorate Framework leadership team; Promote data layers nominations (TIM nominations workshops; TIM metadata workshops)	Pam Bond/Keith Weber/Donna Phillips	
		Host Framework data layers in geospatial clearinghouse and brand as TIM	Bruce Godfrey	
GOAL 3: Improve geospatial data quality.	Improve quality/ <u>currentness</u> of publicly available GIS data through education. Have data stewards publish their geospatial data as Open Geospatial Consortium (OGC) services.	Education/encouragement to follow State GIS policies and standards	Bill Farnsworth	
		Education on proper metadata	Pam Bond/Wilma Robertson	
		Education on transition to web services	Keith Weber	
GOAL 4: Improve delivery and accessibility of GIS services and information.	Increase stakeholder exposure to geospatial data and leverage the more user-friendly mapping applications to make geo-information more sharable and usable.	Explore use of data sharing applications	ALL	
		Education/encouragement to use <u>StoryMap</u> /web application-like tools to relay geo-information to customers and public	ALL	
		Education/encouragement to use of mobile-friendly mapping templates	ALL	
		Funding for/encourage data stewards to use ArcGIS Server/shared ArcGIS Server and enterprise ArcGIS Online Account	ALL	

✓ Completed ● In Progress



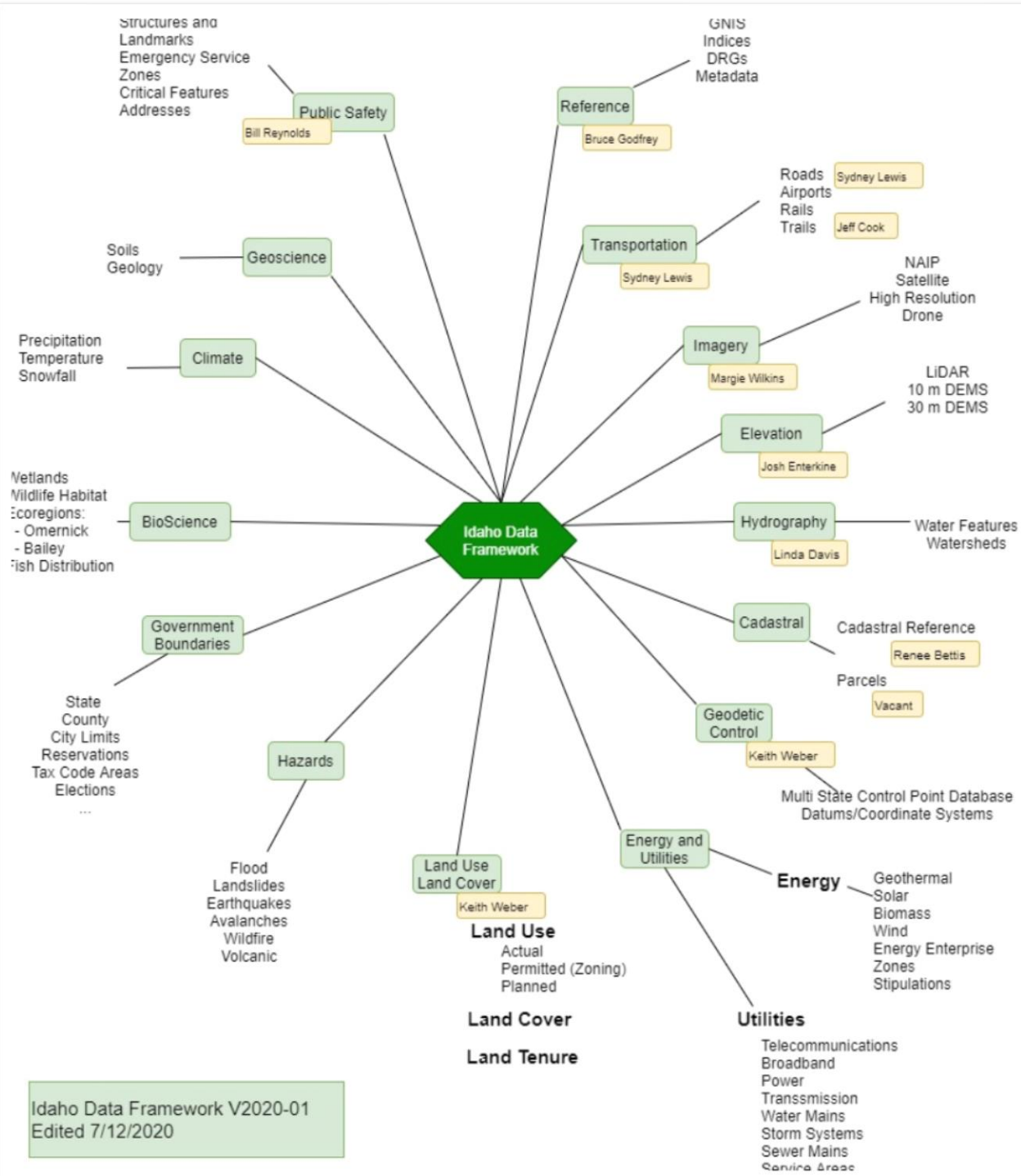
ACTION ITEMS - GOAL 1

GOAL 1: Create/support a robust geospatial data clearinghouse for sharing current and historical TIM Framework and other authoritative data layers.

Objective: Seek and secure the funding and staffing needed for an official TIM geospatial data clearinghouse.

Strategy: Have a designated clearinghouse administrator who can reach out and support TIM/authoritative data stewards, review datasets and documentation and help keep them current, and maintain the clearinghouse website; acquire and maintain dedicated funding for this position.

- **Form subcommittee to look at:**
 - How would maps.Idaho.gov and Inside Idaho complement each other?
 - Finally decide how Data Framework Layers are marked (TIM symbol?)
 - What are the funding needs and possible funding streams?
 - Other?



GOAL 2: Provide best available statewide TIM Framework data layers.

Objective: Increase the number of officially recognized TIM Framework data layers and create a recognizable TIM “brand.”

Strategy: Create an inventory of Framework data layers currently available from metadata; reinvigorate the Framework Leadership Team; start with the top 10 (as defined by current survey results) and work with the associated agencies/TWGs to get the data layers nominated – host TIM nomination workshops and TIM metadata workshops; host the Framework data layers in the geospatial data clearinghouse and brand as TIM.

Active TWGS	Inactive TWGS
Transportation	Reference
Imagery	Cadastral Reference
Elevation	Parcels
Hydrography	Energy and Utilities
Geodetic Control	Land Use Land Cover
Public Safety	Hazards
	Government Boundaries
	Bioscience
	Climate
	GeoScience

Official Framework Layers

Emergency Service Zones

Parcel Data

Hydrography Data

Control Point

Idaho Land Cover

Structure and Landmarks

► Action Items?!

► We need TWG leaders for:

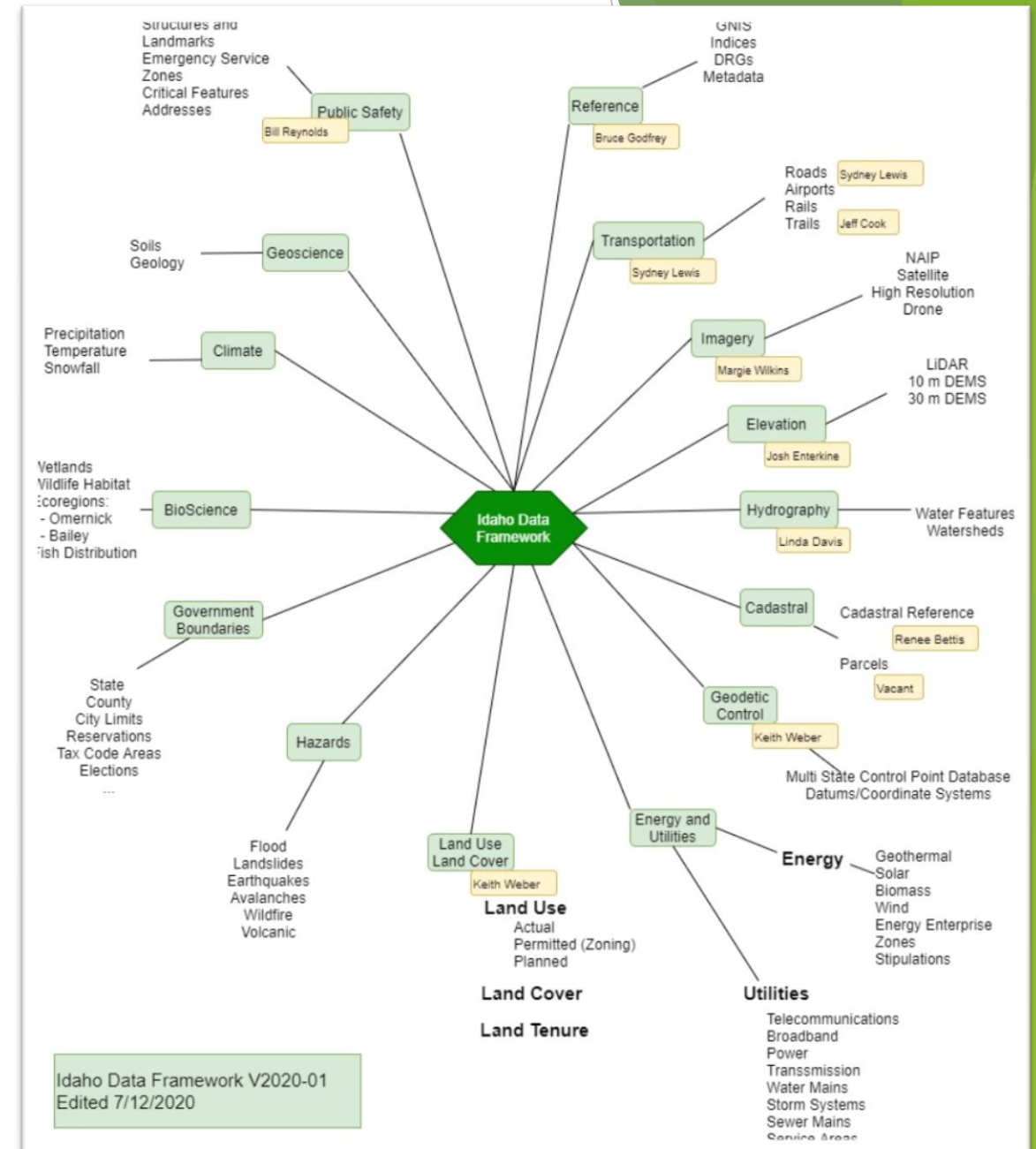
- Parcels
- Energy and Utilities
- Hazards
- Government Boundaries
- Bioscience
- Climate
- GeoScience

► Re-energize:

- Reference
- Cadastral Reference
- Land Use Land Cover

► Which framework layers should be included in a data theme?

- What should be the “official” for Idaho
- Develop/review exchange standard
- Develop/review stewardship plan



ACTION ITEMS - GOAL 3

GOAL 3: Improve geospatial data quality.

Objective: Improve the quality and currentness of publicly available GIS data through education and have data stewards publish their geospatial data as Open Geospatial Consortium (OGC) services (WMS, WFS, WCS, etc.).

Strategy: Increase education on and encouragement to follow State GIS policies and standards; education on proper metadata; education on transition to web services.

- **Form subcommittee to develop plan / action items for this goal**
 - Education and encouragement to follow State GIS Policies and Standards
 - Education on proper metadata
 - Education on the transition to web services

ACTION ITEMS - GOAL 4

GOAL 4: Improve delivery and accessibility of GIS services and information.

Objective: Increase stakeholder exposure to geospatial data and leverage the more user-friendly mapping applications to make geo-information more sharable and usable.

Strategy: Explore the use of data sharing applications such as Esri Open Data and data.gov; encourage not only GIS staff but others to use tools like Story Maps and Web Map Applications to relay geo-information to their customers and the public; encourage the use of mobile-friendly templates; funding for and encourage data stewards to use ArcGIS Server/shared State ArcGIS Server and enterprise ArcGIS Online accounts.

- Form subcommittee to develop plan / action items for this goal

Refresh our gis.Idaho.gov website

The image displays two overlapping screenshots of the gis.Idaho.gov website. The left screenshot shows the homepage, which features the Idaho Geospatial Office logo, a map of Idaho, and a navigation menu. The right screenshot shows the Framework Diagram page, which includes a dropdown menu for the Framework section and a diagram illustrating the Idaho Framework layers.

Homepage (Left Screenshot):

- Header: Welcome to Idaho Geospatial Office | gis.idaho.gov
- Navigation: About Us, Framework, Data & Maps, Coordination, Events, FAQs, Links
- Mission Statement: Our mission is to provide leadership and coordination for the creation and maintenance of statewide base geospatial data (Framework) and overall support to the GIS community.
- Primary Initiative: The Idaho Map (TIM), which is designed to improve statewide coordination, leverage existing geospatial investments, and provide reliable access to geospatial data and services.
- State GIS Strategic Plan: Revised and approved by the Idaho Technology Authority on December 6, 2016. Major components of The Idaho Map are:
 - Framework (base map) data.

Framework Diagram (Right Screenshot):

- Header: IDAHO GEOSPATIAL OFFICE
- Navigation: About Us, Framework, Data & Maps, Coordination, Events, FAQs, Links
- Framework Diagram: A diagram illustrating the Idaho Framework layers, including:
 - Public Safety Theme
 - Transportation Theme
 - Imagery Framework Theme
 - Elevation Theme
 - Hydrography Theme
 - Cadastral Reference
 - Parcels
 - Geodetic Control Theme
 - Energy and Utilities Theme
 - Land Use Land Cover Theme
 - Governmental Boundaries Theme
- Diagram Labels: Bioscience, Government Boundaries, Hazards, Reference, Transportation, Imagery, Idaho Framework

Geodetic Control Theme

The Geodetic Control Theme provides the positional underpinnings of all spatial datasets and survey measurements, both horizontal and vertical. The current focus is on implementing a real-time network over a densified CORS (continuously operating reference station). As part of grant-funded project, Montana and Idaho are writing a business plan to establish a Regional Geodetic Reference Center. Developing a multi-state control point database and application is also part of the project.



Leadership

Keith Weber
GIS Center, Director
Idaho State University
(208) 282-2757
webekeit@isu.edu

Kazi Arifuzzaman
Statewide Geodetic Coordinator
921 S. 8th Ave., Stop 8104
Pocatello, ID 83209-8104
(208) 282-3606
arifkazi@isu.edu

Element Workgroups

Control Points
Kazi Arifuzzaman
Statewide Geodetic Coordinator

Real Time
Keith Weber
GIS Center

Governmental Boundaries Theme

Mutually agreed-upon borders with all adjoining states are essential to state dependent boundary datasets. BLM and State Tax Commission are working to improve the spatial representation of the state boundary in harmony with states.

The new representation of Idaho's boundary will result in a ripple of adjustments to boundaries. Workgroups are forming to focus on clusters of boundary types: Elections, Agency/Program, Special Service Districts and Tax Code Areas.

Leadership

OPEN POSITION
For information contact:
Bill Farnsworth
Office of the CIO
(208) 332-1878

Element Workgroups

General Government Jeff Servatius
Idaho Tax State Commission
(208) 334-7752
jeff.servatius@tax.idaho.gov
Tax Code Areas Jeff Servatius
Idaho Tax State Commission
(208) 334-7752
jeff.servatius@tax.idaho.gov

Elections
Madison
(208) 372-
craig@re
Overview
Election

Public Safety Theme

The Public Safety Theme is composed of three elements: Structures and Landmarks, Emergency Services Zones and Critical Features. The first two are required for NextGen 911, and standards have been established. The current focus is on adding new partners to the Structures stewardship circle.



Leadership

Cadastral Reference

Cadastral Reference is the spatial grid of township, range, section, quarter-quarter lines, special surveys, mineral surveys or any line or corner established by a federal survey generally referred to as the Public Land Survey System (PLSS). BLM and the workgroup are developing ways to improve CadRef and publish one version.

Leadership

Renee Bettis Idaho Dept. of Lands (208) 334-0216 rbettis@idl.idaho.gov

Overview

VISION Idaho has a statewide Cadastral Reference base map that is:

- Seamless;
- Meets accuracy needs and standards;
- Easily accessible to the GIS community and the public;
- Digital;
- Mutually beneficial to both the data producers and the data consumers;
- Continually maintained;
- Supports a multi-purpose land information system;
- Strives to comply with appropriate state and national standards, and
- Will continue to be improved over time.

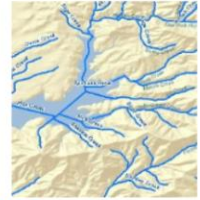
GOALS and OBJECTIVES

- Describe the current status of the GCDB and 24K PLSS across the state including statements of accuracy.
- Inventory and describe the current uses of the GCDB, 24K PLSS and local cadastral reference systems for GIS mapping, especially parcel mapping.
- Document and present what has been shown to be possible at a local, regional, and state level, using examples of successful systems.
- Develop and implement, short-term, temporary procedures to assist with various GIS cadastral reference data needs while more long-term permanent solutions are being developed.
- Establish an education and outreach program supporting the vision.

- [October 2013 Meeting Notes](#)
- [September 2013 Meeting Notes](#)
- [July 2013 Meeting Notes](#)
- [June 2013 Meeting Notes](#)
- [May 2013 Meeting Notes](#)

Hydrography Theme

Hydrography consists of surface waters and watersheds. Idaho's Hydrography Framework is part of the National Hydrography Dataset (NHD). Due to consistent and adequate support by USGS over many years, this Framework Theme is the most mature nationwide Framework accomplishment. Formal stewardship is in place, and improvements are incorporated from local sources. The Idaho Department of Water Resources is the Framework Steward.



Element Workgroups

Water Features
Danielle Favreau
Idaho Dept. Water Resources
(208) 287-4800
danielle.favreau@idwr.idaho.gov

Overview

- Idaho Hydrography

Standards

- [Exchange Standard](#)
- [Stewardship Plan](#)

ti-Agency

is recognized by the
Committee as the

Watersheds

Parcel data & a

website to get
counties in Idaho
on one statewide



Parcels represent ownership or other interests in land, and the Framework includes private and public lands. Data sharing and data integration are the current challenges.

Overview

VISION

Idaho has a statewide Parcels base map that is:

- Mutually beneficial to both the data producers and the data consumers
- As complete as possible in terms of spatial coverage, spatial accuracy and completeness of attributes
- Secure and appropriately shared
- Continually maintained and improved
- Standards based

GOALS & OBJECTIVES

- Coordinate mapping efforts with local government mapping groups;
- Identify and communicate the benefits of accurate parcel databases for all stakeholders (public and private).

Please help to refresh those pages

Introduction
of new
Chief Data
Officer/GIO

▶ *Mike Woodford*

2020 Census Update

Partnership Specialist- Carolina Valderrama Echavarria
July 16, 2020

Shape
your future
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United States®
Census
2020

Self Response



The U.S. Census Bureau is monitoring coronavirus (COVID-19) carefully, and the health, safety and well-being of the public and our staff is our top priority.

- **Self-Response Phase – Revised Schedule March 12 – October 31**
- **Group Quarters (E-Response & Paper Enumeration) April 2 – September 3**
- <https://2020census.gov/en/news-events/operational-adjustments-covid-19.html>

Nonresponse Followup (NRFU)

Update: Leave Idaho 100 % complete

1st state in the west to start Nonresponse Followup (NRFU)

- **Timeline start July 16 runs 7 weeks (first week September)**
- **Training Enumerators**
- **Enumerator operation will begin July 16 (with consideration to Covid guidelines)**
- **Notices left on doors if no answer on how to complete Census Survey.**

Multiple sources to encourage participation/reminders

1. NRFU (enumerators starting July 16th)
2. PO Box Fliers going out to notify folks (15,349 sent out last week of June)
3. 6th mailer sent to households (not previously planned prior to covid - sent out this week)

Mobile Questionnaire Assistants (MQAs)

Where:

Deployed to bottom 20% tracts in the state.

Example: gas stations/ grocery stores

Covid conditions has paused this operation in certain counties (suspension list weekly)

What:

Table with Census staff to encourage participation with smartphones or intake questionnaire.

Staff will social distance

Partnerships Specialists working with the Area Census Office (ACO)

Shape
your future
START HERE >

United States[®]
Census
2020

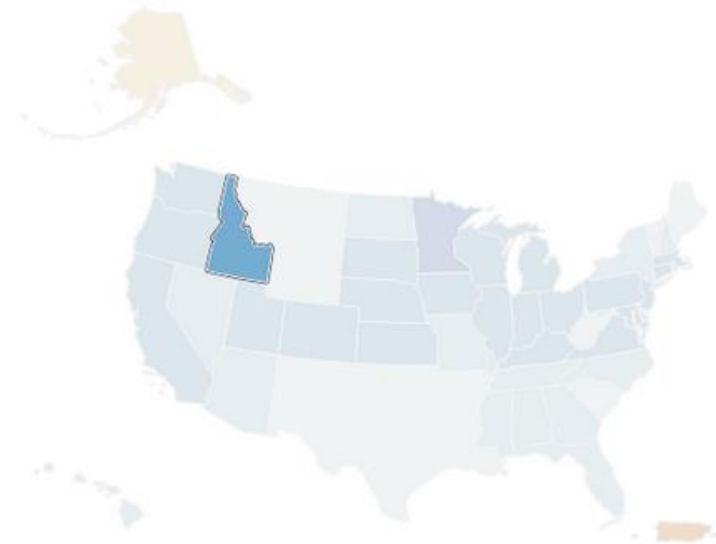
2020 Census Self-Response by State

Click icon to open or
close the share
menu

This map features self-response rates from households that responded to the 2020 Census online, by mail, or by phone. Rates can be viewed in [rankings here](#).

National
Self-Response
62.0%

Idaho
Self-Response
65.4%



Select Date
7/9/2020

Select Mode
Total

Select State
Idaho

Geographies

State

County

City

Congressional District

Town and Township

Tribal Area



Email us at responseratemap@census.gov
Responses received as of 7/9/2020.
[Click here for technical details](#)

Shape
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**Census
2020**

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your future
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United States[®]
**Census
2020**

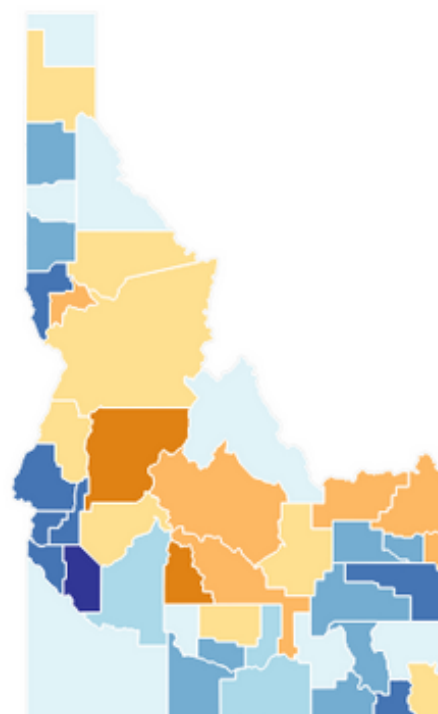
Self-Response by County

Click icon to open or close the share menu

This map features self-response rates from households that responded to the 2020 Census online, by mail, or by phone. Rates can be viewed in [rankings here](#).

Idaho
Self-Response
65.4%

Ada
Self-Response
75.2%



Select Mode

Total

Select State

Idaho

Select County

(All)

Geographies

Return to State

County

Census Tract

City

Congressional District

Town and Township

Tribal Area



Operational Updates

Thank you!

Carolina Valderrama Echavarria

Carolina.valderrama.echava@2020census.gov

208-863-6256

Response Map:

<https://2020census.gov/en/response-rates.html>

ITA Report

▶ *June 3, 2020 Meeting*

Items discussed during ITA Meeting

- ▶ Ethics and Conduct Policy Passed
- ▶ IGC-EC Election Results Ratified
- ▶ ITLC is losing members because IT has been moved to ITS
- ▶ Phase 2 modernization update:
 - ▶ ITS staff up from 66 to 135
 - ▶ Number of customers supporting up from 1,800 to 6,000
 - ▶ New positions and functionality : Chief Technology Officer, Enterprise Architect, Enterprise licensing, Portfolio Management, Data management/analytics and sharing, Project delivery team and Regional Support Centers.

TWG
Update

► *Geodetic Control*

Other
Business

A thin vertical line is positioned to the right of the text. A solid green vertical bar is located on the far right edge of the slide.

Adjourn

▶ **Next Meeting:**

- ✓ **IGC-EC Meeting -**
Thursday, Sept. 17, 2020